In November 2021, the EM Nevada Program continued to operate in a maximum telework posture in alignment with U.S. Department of Energy (DOE) guidance. EM Nevada staff, contractors, and visitors are required to wear face coverings at indoor work facilities, regardless of vaccination status, consistent with Centers for Disease Control and Prevention (CDC) guidance. Mission-essential travel continues to be considered and approved on a case-by-case basis, primarily for Radioactive Waste Acceptance Program (RWAP) facility evaluations and oversight. EM Nevada field crews continue to conduct mission-essential activities under COVID-19 related protocols and the Program continues to meet its commitments to stakeholders through virtual meetings (i.e., NSSAB, Low-Level Waste [LLW] Stakeholders Forum, State of Nevada Division of Environmental Protection [NDEP], etc.)

**External Affairs**

- **NSSAB:**
  - Hosted NSSAB Full Board Meeting via virtual format (social media posted) – November 10, 2021

- **Events/Stakeholders Meetings:**
  - Participated remotely on a panel for the session, *Community Relations Across the EM Complex*, during RadWaste Summit 2021 – November 3-5, 2021
  - Hosted LLW Stakeholders Forum via virtual meeting (NSSAB representative attended) – November 9, 2021
  - Hosted EM Nevada Program Intergovernmental Meeting via virtual format (NSSAB leadership attended) – November 10, 2021
  - Attended DOE HQ Fireside Chat with EM-1 via virtual format – November 18, 2021

- **Publications:**
  - Published article and social media, *EM Nevada Program Clean Up, Public Involvement Efforts Highlighted at 2021 RadWaste Summit*, in EMNV News Brief on November 23, 2021 [View Article]
  - The current *EM Strategic Vision: 2021-2031* can be found [here](#). The Nevada National Security Site (NNSS) is featured on pages 33-35. [standing item]

- **NNSS tours:**
  - Per National Nuclear Security Administration/Nevada Field Office (NNSA/NFO), all site tours have been cancelled until further notice. [http://www.nnss.gov/pages/PublicAffairsOutreach/NNSStours.html](http://www.nnss.gov/pages/PublicAffairsOutreach/NNSStours.html)

- **Planned activities for December 2021:**
  - Attend DOE EM National Cleanup Workshop in Alexandria, VA – December 8-9, 2021
  - Publish article and social media on Pahute Mesa Data Completeness
  - Publish article and social media on EM Nevada Program Year-in-Review
Waste Disposal and Transportation

- Update from previous reports – Oak Ridge, TN generator: In December 2020, RWAP issued a Finding for a waste stream shipped to the NNSS that exceeded the Radioactive Waste Permit limits (i.e., worker protection limits) for that shipment. In July 2021, the generator submitted a revised corrective action plan (CAP) that RWAP verified during a facility evaluation conducted in November 2021. The verification resulted in the Finding remaining open until the generator provides a neutron activation analysis for the waste stream. The generator cannot ship this specific waste stream for disposal until the Finding is closed and the suspension is lifted. (Please see March, June – July, and October – November 2021 NSSAB Monthly Reports for more information)

- In November 2021, the RWAP conducted three facility evaluations:
  - Oak Ridge, TN generator: A hybrid facility evaluation that resulted in no Findings.
  - Oak Ridge, TN generator: An in-person facility evaluation that resulted in an existing Finding remaining open with no new Findings (see bullet above).
  - Portsmouth, OH generator: A hybrid facility evaluation that resulted in no Findings.

- In December 2021, the RWAP will conduct a mixed waste verification.

- In December 2021, approximately 77,727 cubic feet of LLW, mixed (MLLW), and classified waste is forecasted for disposal at the NNSS.

Underground Test Area (UGTA)

Corrective Action Unit (CAU) 101/102, Pahute Mesa
The Pahute Mesa Source Term Data Document was completed in November 2021. Resolution of comments from NDEP on the Calendar Year 2020 Annual Groundwater Sampling Report continued. Technical review of the Phase II Flow and Transport Model Report was completed in November 2021.

Industrial Sites

CAU 114, Area 25 Engine Maintenance, Assembly, and Disassembly (EMAD) Facility
CAU 114 comprises three Corrective Action Sites (CASs) in Area 25 of the NNSS. The Streamlined Approach for Environmental Restoration (SAFER) Plan was approved by NDEP in June 2021. In November 2021, site characterization activities were conducted and will continue in December 2021.

CAU 572, Test Cell C Ancillary Building and Structures
CAU 572 comprises five CASs in Area 25 of the NNSS. The SAFER Plan was approved by NDEP in April 2021. In November 2021, site characterization activities were conducted and will continue in December 2021.

CAU 577, Area 5 Chromium Contaminated Waste Disposal Cells
CAU 577 comprises five CASs located at the Area 5 Radioactive Waste Management Complex. In November 2021, cover construction for Cell 20 began and will continue in December 2021.
Post-Closure Monitoring

Non-Resource Conservation and Recovery Act (RCRA) Post-Closure Monitoring Sites
The Non-RCRA Post-Closure Monitoring Sites include CASs where post-closure inspections and maintenance performed in accordance with closure requirements. Annual inspections began in July 2021 and will continue through the calendar year; maintenance and repairs identified during the 2020 annual inspections will continue throughout the 2021 calendar year.

RCRA Post-Closure Monitoring Sites
The RCRA Post-Closure Monitoring Sites include six CAUs where post-closure inspections, monitoring, and maintenance performed in accordance with the RCRA Permit and closure requirements. Maintenance identified during the September 2021 quarterly inspections was performed in November 2021; quarterly inspections will be conducted in December 2021.

Groundwater Post-Closure Monitoring
Groundwater sample collection at one well in Yucca Flat (CAU 97) was completed in November 2021.